

Express Mail Label No. EV394058915US  
PATENT

Attorney Docket No.: D8143-00305

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re application of: **Viswanath Annampedu** Examiner: **Dinh Thanh Le**

Serial No.: **09/976,854**

Group Art Unit: **2816**

Filed: **December 12, 2001**

Confirmation No.: **2527**

For: **SCHEME TO IMPROVE PERFORMANCE OF TIMING RECOVERY SYSTEMS  
FOR READ CHANNELS IN A DISK DRIVE**

Certification under 37 CFR § 1.10

EXPRESS MAIL LABEL NO: EV394058915US

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the U.S. Postal Service in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR § 1.10, Mailing Label Number as listed above, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date 9/8/04

By Joseph A. Powers  
Joseph A. Powers

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Dear Sir:

Enclosed herewith is an Information Disclosure Statement pursuant to 37 CFR. § 1.56 in connection with the above-identified application, which statement is being filed:

Together with the present application.

Before the first Office Action on the merits or three (3) months from the filing date of this application, whichever occurs last. [37 CFR § 1.97(b)]

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After the first Office Action on the merits, but before a Final Office Action under §1.113 or Notice of Allowance under §1.311, whichever occurs first. **[37 CFR § 1.97(c)]**

After a Final Office Action under §1.113 or Notice of Allowance under §1.311, but prior to or with payment of the Issue Fee. **[37 CFR § 1.97(d)]**

Consistent with Applicant's obligations pursuant to 37 CFR §§1.97 and 1.98, the following requirements have been met:

No separate requirements are needed.

No additional fee is required.

**Fee Under 37 CFR § 1.97(c)**

The fee of \$180.00 for submission of an IDS under § 1.97(c) as set forth in § 1.17(p) accompanies this statement.

**Fee Under 37 CFR § 1.97(d)**

The fee of \$180.00 for submission of an information disclosure statement under § 1.97(d) set forth in § 1.17(p) accompanies this statement.

**Certification Under 37 CFR § 1.97(e)**

Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or

No item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement.

**Provision of Copies of References**


- A copy of each of the references listed on the attached Form PTO-1449 is enclosed herewith and forms a part hereof.
- Partial Translations of References U through X are enclosed herewith and form a part hereof.
- A copy of the International Search Report from a corresponding or related PCT application is enclosed herewith.

**Identification of Prior Application(s) In Which Listed Information Was Already Cited And For Which No Copies Are Submitted Or Need Be Submitted**

- This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior U.S. Application No(s). . The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore are not required to be provided in this application:
- The Commissioner is hereby authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679. A duplicate copy of this transmittal is attached.

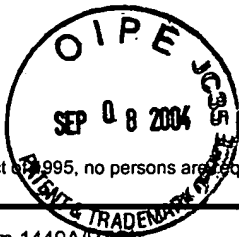
Respectfully submitted,

DATE: 9/8/04

  
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Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Application Number</b>	10/704,317	
			<b>Filing Date</b>	November 6, 2003	
			<b>First Named Inventor</b>	Michael J. Lembo et al.	
			<b>Art Unit</b>	1733	
			<b>Examiner Name</b>		
<b>Sheet</b>	2	of	2	<b>Attorney Docket Number</b>	D0932-00399

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T
	A	Aziz, Pervez M.et al., Symbol Rate Timing Recovery for Higher Order Partial Response Channels, IEEE Journal on Selected Areas in Communications, Vol. 9, No. 4, April 2001, pp. 635-648	

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<b>Examiner Signature</b>	<b>Date Considered</b>
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.